WEST

Search Results - Record(s) 1 through 1 of 1 returned.

L5: Entry 1 of 1 File: USPT Feb 1, 2000

US-PAT-NO: 6020125
DOCUMENT-IDENTIFIER: US 6020125 A

TITLE: Basal body rod protein FlgF of campylobacter
DATE-ISSUED: February 1, 2000

US-CL-CURRENT: 435/6; 435/7.21, 435/91.2, 514/423, 514/44
INT-CL: [6] C12 Q 1/68

4/9/02 VBP

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File 155:MEDLINE(R)  1966-2002/Mar W5

      Set  Items  Description
      ---  -----  -----------
Cost is in DialUnits
?ds

Set     Items   Description
S1          2   HELA/TI AND CAMPYLOBACTER?/TI AND JEJUNI/TI AND MEMBRANE?/-
              TI
?e campylobacter jejuni

Ref   Items   RT  Index-term
E1        1       CAMPYLOBACTER INFECTIONS --URINE --UR
E2      525       CAMPYLOBACTER INFECTIONS --VETERINARY --VE
E3     1334     4 *CAMPYLOBACTER JEJUNI
E4        2       CAMPYLOBACTER JEJUNI --ANALYSIS --AN
E5       61       CAMPYLOBACTER JEJUNI --CHEMISTRY --CH
E6      217       CAMPYLOBACTER JEJUNI --CLASSIFICATION --CL
E7       10       CAMPYLOBACTER JEJUNI --CYTOLOGY --CY
E8      150       CAMPYLOBACTER JEJUNI --DRUG EFFECTS --DE
E9       34       CAMPYLOBACTER JEJUNI --ENZYMOLOGY --EN
E10     334       CAMPYLOBACTER JEJUNI --GENETICS --GE
E11     122       CAMPYLOBACTER JEJUNI --GROWTH AND DEVELOPMENT
E12     220       CAMPYLOBACTER JEJUNI --IMMUNOLOGY --IM

          Enter P or PAGE for more
?p

Ref   Items   RT  Index-term
E13     466       CAMPYLOBACTER JEJUNI --ISOLATION AND PURIFICAT
E14      69       CAMPYLOBACTER JEJUNI --METABOLISM --ME
E15     142       CAMPYLOBACTER JEJUNI --PATHOGENICITY --PY
E16      59       CAMPYLOBACTER JEJUNI --PHYSIOLOGY --PH
E17       1       CAMPYLOBACTER JEJUNI --RADIATION EFFECTS --RE
E18      29       CAMPYLOBACTER JEJUNI --ULTRASTRUCTURE --UL
E19       0     1  CAMPYLOBACTER PYLORI
E20       2        CAMPYLOBACTERACEAE
E21       1        CAMPYLOBACTERAHNLICHE
E22       1        CAMPYLOBACTERARTEN
E23       1        CAMPYLOBACTERCINAEDI
E24       1        CAMPYLOBACTERENTERIT

          Enter P or PAGE for more
?s e3-e18
          1334  CAMPYLOBACTER JEJUNI
             2  CAMPYLOBACTER JEJUNI --ANALYSIS --AN
            61  CAMPYLOBACTER JEJUNI --CHEMISTRY --CH
           217  CAMPYLOBACTER JEJUNI --CLASSIFICATION --CL
            10  CAMPYLOBACTER JEJUNI --CYTOLOGY --CY
           150  CAMPYLOBACTER JEJUNI --DRUG EFFECTS --DE
            34  CAMPYLOBACTER JEJUNI --ENZYMOLOGY --EN
           334  CAMPYLOBACTER JEJUNI --GENETICS --GE
           122  CAMPYLOBACTER JEJUNI --GROWTH AND DEVELOPMENT
           220  CAMPYLOBACTER JEJUNI --IMMUNOLOGY --IM
           466  CAMPYLOBACTER JEJUNI --ISOLATION AND PURIFICAT
            69  CAMPYLOBACTER JEJUNI --METABOLISM --ME
           142  CAMPYLOBACTER JEJUNI --PATHOGENICITY --PY
            59  CAMPYLOBACTER JEJUNI --PHYSIOLOGY --PH
             1  CAMPYLOBACTER JEJUNI --RADIATION EFFECTS --RE
            29  CAMPYLOBACTER JEJUNI --ULTRASTRUCTURE --UL
    S2    1334  E3-E18
?e e3

Ref   Items Type  RT  Index-term
R1     1334        4 *CAMPYLOBACTER JEJUNI
R2     1334   X      DC=B3.440.180.425. (CAMPYLOBACTER JEJUNI)
```

```
R3     1334   X        DC=B3.660.150.100.375. (CAMPYLOBACTER JEJUNI)
R4     1334   X        DC=B3.825.225.425. (CAMPYLOBACTER JEJUNI)
R5     7670   B     9  CAMPYLOBACTER
?s r1-r4
            1334  CAMPYLOBACTER JEJUNI
            1334  DC=B3.440.180.425.  (CAMPYLOBACTER JEJUNI)
            1334  DC=B3.660.150.100.375.  (CAMPYLOBACTER JEJUNI)
            1334  DC=B3.825.225.425.  (CAMPYLOBACTER JEJUNI)
      S3    1334  R1-R4
?e r5

Ref    Items Type  RT  Index-term
R1      7670         9 *CAMPYLOBACTER
R2      2729   X        DC=B3.440.180. (CAMPYLOBACTER)
R3      2729   X        DC=B3.660.150.100. (CAMPYLOBACTER)
R4      2729   X        DC=B3.825.225. (CAMPYLOBACTER)
R5         3   B    12  EPSILON PROTEOBACTERIA
R6      6795   B   270  GRAM-NEGATIVE BACTERIA
R7         3   B    13  SPIRAL AND CURVED BACTERIA
R8       255   N     4  CAMPYLOBACTER COLI
R9      1749   N     5  CAMPYLOBACTER FETUS
R10     1334   N     4  CAMPYLOBACTER JEJUNI
?ds

Set     Items   Description
S1          2   HELA/TI AND CAMPYLOBACTER?/TI AND JEJUNI/TI AND MEMBRANE?/-
              TI
S2       1334   E3-E18
S3       1334   R1-R4
?s (s2 or s3) and ((92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102)
(5n) (kda or kilodalton? or dalton? or rmw or mw or molecular? or immunoblot? or wester
n?))
            1334  S2
            1334  S3
           66758  92
           61739  93
           62564  94
          152561  95
           75254  96
           58125  97
           60010  98
          114737  99
          384445  100
           19504  101
           19404  102
           83296  KDA
            6525  KILODALTON?
           12794  DALTON?
              22  RMW
            7256  MW
          742181  MOLECULAR?
           48092  IMMUNOBLOT?
           97135  WESTERN?
           12410  ...
      S4      10  (S2 OR S3) AND ((92 OR 93 OR 94 OR 95 OR 96 OR 97 OR 98
                  OR 99 OR 100 OR 101 OR 102) (5N) (KDA OR KILODALTON? OR
                  DALTON? OR RMW OR MW OR MOLECULAR? OR IMMUNOBLOT? OR
                  WESTERN?))
?t s4/9/all
```

4/5/02 updated search

USPT

jejuni same (kda or dalton or kilo-dalton or kilodalton or mw or rmw or western or immunoblot$)

2002-04-04 15:16:13
S2881
U
USPT

jejuni same (kda or dalton or kilo-dalton or kilodalton or mw or rmw or western or immunoblot$ or 92
or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100)

2002-04-04 14:58:27
S2880
U
USPT

((surface near array near protein)or (sapa or sap or s-layer or slayer)) same (jejuni or
campylobacter)

2002-04-04 14:55:21
S2879
U
USPT

(surface near array near protein) or (sapa or sap or s-layer or slayer)

2002-04-04 14:55:05
S2878
U
USPT

sapa or sap or s-layer or slayer

2002-04-04 14:54:54
S2877
U
USPT

surface near array near protein

2002-04-04 14:52:2

Surface components of Campylobacter and Helicobacter

Author(s): Penn CW (REPRINT)
Corporate Source: Univ Birmingham,Sch Biosci,Birmingham B15 2TT/W Midlands/England/ (REPRINT); Univ Birmingham,Sch Biosci,Birmingham B15 2TT/W Midlands/England/

Journal: JOURNAL OF APPLIED MICROBIOLOGY, 2001, V90, S, P25S-35S
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Journal Subject Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY; MICROBIOLOGY

Abstract: The major components of the surfaces of Helicobacter pylori and Campylobacter **jejuni** are considered in turn, comparing and contrasting where possible the key features of each organism. The components considered are the outer membrane, including protein as well as polysaccharide components; the S-layer proteins of Campylobacter fetus and Campylobacter rectus; and the flagella of both organisms including the regulation of flagellar gene expression. Proteins secreted by these organisms are also considered. In conclusion, it is clear that the unique pathogenic properties of these closely related organisms are dependent to a large extent on key differences in their surface components.

Identifiers--KeyWord Plus(R): OUTER-MEMBRANE PROTEIN; LIPOPOLYSACCHARIDE BIOSYNTHESIS LOCUS; FIBRONECTIN-BINDING PROTEIN; FLAGELLAR SHEATH PROTEIN; LAYER PROTEINS; **S-LAYER**; POSTTRANSLATIONAL MODIFICATION; MOLECULAR CHARACTERIZATION; GENOME SEQUENCE; CELL-MEMBRANES